

Atty. Dkt. No. 035451-0127 (3627.Palm)

Listing of Claims:

1. (Previously Presented) A handheld computer, comprising:
a housing;
a display supported by the housing, the display having a front surface;
computing electronics supported by the housing and configured to communicate with the display;
at least two light sensors, each light sensor configured to provide input to the computing electronics regarding ambient light conditions at the front surface of the display;
wherein the computing electronics are configured to adjust at least one of a brightness factor of the display and a contrast factor of the display based on the input of the at least two light sensors.
2. (Original) The handheld computer of claim 1, wherein the at least two light sensors are disposed near opposing edges of the display.
3. (Original) The handheld computer of claim 1, wherein the at least two light sensors further comprise four light sensors disposed on corners of a perimeter of the display.
4. (Original) The handheld computer of claim 3, wherein the at least two light sensors are photoelectric sensors.
5. (Original) The handheld computer of claim 4, wherein the computing electronics are configured to adjust the brightness factor and the contrast factor of the display based on the input of the at least two light sensors by averaging the at least two signals to generate a control signal.
6. (Original) The handheld computer of claim 5, further comprising providing the average of the at least two signals to an algorithm configured to generate a control signal.

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7. (Original) The handheld computer of claim 1, wherein the display is one of an LCD and a TFT display.

8. (Previously Presented) A method for controlling a display in a mobile electronic device, comprising:
providing a first signal indicative of lighting conditions at a first position relative to the display device;
providing a second signal indicative of lighting conditions at a second position relative to the display device, wherein the first position and the second position are on a same side of the display device;
generating a control signal based on the first and second signals; and
adjusting at least one of a brightness factor of the display device and an intensity factor of the display device using the control signal.

9. (Original) The method of claim 8, wherein generating a control signal further comprises averaging the first and second signals.

10. (Original) The method of claim 8, wherein generating a control signal further comprises accessing a look up table based on the first and second signals to determine the control signal.

11. (Original) The method of claim 8, wherein generating a control signal further comprises providing the first and second signals to an algorithm configured to determine the control signal.

12. (Original) The method of claim 8, wherein generating a control signal further comprises generating a brightness control signal and a contrast control signal.

13. (Previously Presented) A method for controlling the display of a mobile electronic device, comprising:

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providing a first signal indicative of lighting conditions at a first position relative to the display device;

providing a second signal indicative of lighting conditions at a second position relative to the display device;

providing a third signal indicative of lighting conditions at a third position relative to the display device;

providing a fourth signal indicative of lighting conditions at a fourth position relative to the display device;

wherein the first position, the second position, the third position and the fourth position are on a same side of the display device;

generating a control signal using the first, second, third and fourth signals;
and

adjusting at least one of a brightness factor of the display device and an intensity factor of the display device using the control signal.

14. (Original) The method of claim 13, wherein generating a control signal further comprises averaging the first, second, third and fourth signals.

15. (Original) The method of claim 13, wherein generating a control signal further comprises accessing a look up table based on the first, second, third and fourth signals to determine the control signal.

16. (Original) The method of claim 13, wherein generating a control signal further comprises providing the first, second, third and fourth signals to an algorithm configured to determine the control signal.

17. (Original) The method of claim 13, wherein generating a control signal further comprises generating a brightness control signal and a contrast control signal.